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L3: Entry 7 of 15

File: JPAB

Nov 13, 1991

PUB-NO: JP403255037A
DOCUMENT-IDENTIFIER: JP 03255037 A
TITLE: GLYCYRRHIZIN PHARMACEUTICAL PREPARATION

PUBN-DATE: November 13, 1991

INVENTOR-INFORMATION:

NAME

COUNTRY

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MITA, SHIRO

KAWASHIMA, YOICHI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

SANTEN PHARMACEUT CO LTD

APPL-NO: JP02052350

APPL-DATE: March 2, 1990

INT-CL (IPC): A61K 47/14; A61K 9/48; A61K 9/52; A61K 31/70; A61K 31/70; A61K 31/70

ABSTRACT:

PURPOSE: To obtain a glycyrrhizin preparation capable of quickly increasing the concentration of glycyrrhizin in blood by blending glycyrrhizin or salt thereof with a fatty acid glyceride and coating the blend with an enteric coating film.

CONSTITUTION: Glycyrrhizin or salts thereof is blended with a fatty acid glyceride (e.g. mono, di or triglyceride of middle chain fatty acid such as stearic acid or caprylic acid) at a ratio of (1:1)-(1:10.0) and the blend is coated with an enteric coating film (e.g. hydroxypropylmethylcellulose phthalate) to provide a glycyrrhizin preparation having a form of tablet, granule, inhalant, capsule, etc. When the preparation is administered, glycyrrhizin is rapidly absorbed in the duodenum or small intestine, because the enteric coating film is dissolved in the duodenum and moved into blood to effectively exhibit the effect. Glycyrrhizin is effective in the therapy of liver disease, allergic disease, etc.

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L3: Entry 9 of 15

File: DWPI

Nov 13, 1991

DERWENT-ACC-NO: 1992-002624

DERWENT-WEEK: 199201

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TITLE: Glycyrrhizin-contg. compsn. for treating liver and allergic diseases -
comprises mixt. of glycyrrhizin and fatty acid glyceride coated with enteric film

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SANTEN PHARM CO LTD

SANT

PRIORITY-DATA: 1990JP-0052350 (March 2, 1990)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

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APPLICATION-DATA:

PUB-NO

APPL-DATE

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DESCRIPTOR

JP03255037A

March 2, 1990

1990JP-0052350

INT-CL (IPC): A61K 9/48; A61K 31/70; A61K 47/14

ABSTRACTED-PUB-NO: JP03255037A

BASIC-ABSTRACT:

Compsn comprises mixt. of glycyrrhizin and fatty acid glyceride, coated with enteric film: Pref fatty acid glyceride is monoglyceride diglyceride or triglyceride of stearic acid or caprylic acid. The enteric film is that of hydroxypropyl methyl cellulose phthalate, cellulose acetate, or hydroxypropyl methyl cellulose acetate succinate. Pref blend ratio of glycyrrhizin and fatty acid glyceride is 10 : 1 - 1 : 100, prepf. 10:1 -1 : 100.

USE - Compsn is useful for treating liver disease such as hepatitis or allergic disease such as allergic bronchitis.

TITLE-TERMS: GLYCYRRHIZIN CONTAIN COMPOSITION TREAT LIVER ALLERGIC DISEASE COMPRISE MIXTURE GLYCYRRHIZIN FATTY ACID GLYCERIDE COATING ENTERAL FILM

DERWENT-CLASS: B03

CPI-CODES: B07-A02; B10-E04C; B10-G02; B12-D02; B12-G02; B12-K06;

CHEMICAL-CODES:

Chemical Indexing M1 *03*

Fragmentation Code

H401 H481 H522 J0 J011 J012 J131 J2 J221 J222

M123 M136 M210 M211 M262 M272 M281 M312 M313 M320

M321 M332 M342 M382 M383 M391 M423 M431 M782 M903

M904 P431 P721 P822 R043 V712 V713

Specific Compounds